

Case	Description	Housing			PMT														Magnetic Shield			Magnetic Shield Adhesive		PMT Adhesive											
		Material	ID (in)	Thk (in)	Material	OD (in)			Thk (in)	Thk Variation (in)	Centering Offset (in)				Direction			Tilt			Material	Thk (in)	Overlap (xD)	Material	Thk (in)	Material	Approx Thk (in)								
		6061-T6	.636	.040	Corning 7056	.571	.598	.543	.0469	.0449	.0000	.0020	.0000	.0100	.0200	.0250	+X	-X	+Y	-Y	None	Half	Max	Mu Metal	.0052	.00	1.44	Y966	.002	5753-40	Nom	Max	Min		
1	Nominal Housing, Nominal PMT	X	X	X	X	X		X		X		X							X			X	X		X	X		X	X			.0253			
2	Nominal Housing, Nominal PMT, .025 PMT Offset +X	X	X	X	X	X		X		X					X	X				X			X	X		X	X		X	X			.0253	.0503	.0003
3	Nominal Housing, Nominal PMT, .025 PMT Offset -X	X	X	X	X	X		X		X				X		X				X			X	X		X	X		X	X			.0253	.0503	.0003
4	Nominal Housing, Nominal PMT, .025 PMT Offset +Y	X	X	X	X	X		X		X					X			X				X	X		X	X		X	X			.0253	.0503	.0003	
5	Nominal Housing, Nominal PMT, .025 PMT Offset -Y	X	X	X	X	X		X		X				X				X		X			X	X		X	X		X	X			.0253	.0503	.0003
6	Nominal Housing, Nominal PMT, .010 PMT Offset +X	X	X	X	X	X		X		X					X				X			X	X		X	X		X	X			.0253	.0353	.0153	
7	Nominal Housing, Nominal PMT, .010 PMT Offset -X	X	X	X	X	X		X		X				X			X			X			X	X		X	X		X	X			.0253	.0353	.0153
8	Nominal Housing, Nominal PMT, .010 PMT Offset +Y	X	X	X	X	X		X		X				X			X			X			X	X		X	X		X	X			.0253	.0353	.0153
9	Nominal Housing, Nominal PMT, .010 PMT Offset -Y	X	X	X	X	X		X		X				X			X		X				X	X		X	X		X	X			.0253	.0353	.0153
10	Nominal Housing, Nominal PMT, Max Tilt +X	X	X	X	X	X		X		X			X			X						X	X		X	X		X	X			.0253			
11	Nominal Housing, Nominal PMT, Max Tilt -X	X	X	X	X	X		X		X			X				X					X	X		X	X		X	X			.0253			
12	Nominal Housing, Nominal PMT, Max Tilt +Y	X	X	X	X	X		X		X			X					X				X	X		X	X		X	X			.0253			
13	Nominal Housing, Nominal PMT, Max Tilt -Y	X	X	X	X	X		X		X								X				X	X		X	X		X	X			.0253			
14	Nominal Housing, Nominal PMT, Half Tilt +X	X	X	X	X	X		X		X					X							X	X		X	X		X	X			.0253			
15	Nominal Housing, Nominal PMT, Half Tilt -X	X	X	X	X	X		X		X						X						X	X		X	X		X	X			.0253			
16	Nominal Housing, Nominal PMT, Half Tilt +Y	X	X	X	X	X		X		X							X					X	X		X	X		X	X			.0253			
17	Nominal Housing, Nominal PMT, Half Tilt -Y	X	X	X	X	X		X		X								X				X	X		X	X		X	X			.0253			
18	Nominal Housing, Large PMT	X	X	X	X		X		X				X						X			X	X		X	X		X	X			.0115			
19	Nominal Housing, Small PMT	X	X	X	X			X		X			X							X			X	X		X	X		X	X			.0391		
20	Nominal Housing, Nominal PMT, Thinner PMT Wall	X	X	X	X	X				X			X						X			X	X		X	X		X	X			.0253			
21	Nominal Housing, Nominal PMT, Vary PMT Wall Circumferentially	X	X	X	X	X		X				X	X						X			X	X		X	X		X	X			.0253			
22	Nominal Housing, Nominal PMT, Vary PMT Wall Longitudinally	X	X	X	X	X		X				X	X						X			X	X		X	X		X	X			.0253			
23	Nominal Housing, Nominal PMT, Wobble PMT Wall Circumferentially	X	X	X	X	X		X				X	X						X			X	X		X	X		X	X			.0253			
24	Nominal Housing, Nominal PMT, Wobble PMT Wall Longitudinally	X	X	X	X	X		X				X	X						X			X	X		X	X		X	X			.0253			
25	Nominal Housing, wobbly Mu metal application	X	X	X	X	X		X				X										X	X		X	X		X	X			.0253			
26																																			
27																																			

Proposed Design or Process CHANGES																																	
1	Nominal Housing, Nominal PMT	X	X	X	X	X			X	X			X			X			X			X	X		X	X	####						
2	New Housing, vary uralane thick	X	X	X	X	X			X										X			X	X		X	X	####						
3	Nominal Housing, change potting	X	X	X	X	X			X										X			X	X		X	X	####						
4	New Housing, mag stainless housing, no Mu	X	X	X	X	X			X													X			X		####						
5	Nominal Housing, move Mu metal to inside of hous	X	X	X	X	X			X													X	X		X	X	####						